

## ABSTRACT OF THE DISCLOSURE

A data recording and reproducing apparatus (11) which generates a plurality of divided data through dividing input data  $D_1$  using a distributor (22) if recording data, while generating redundancy-code data  $P_1$  and  $P_2$  using

5 Read-Solomon-code data which can perform error-correcting on a plurality of divided data, and records the divided data and the redundancy-code data  $P_1$ ,  $P_2$  on HDDs  $21_1$  to  $21_K$ ,  $28_1$  and  $28_Z$ . The data recording and reproducing apparatus (11) reproduces the divided data and the redundancy-code data from the HDDs  $21_1$  to  $21_K$ ,  $28_1$  and  $28_Z$ , performs error-correcting processing

10 on the divided data based on the redundancy-code data by an error corrector (31), and outputs the divided data which have been error-corrected after multiplying the divided data by a data multiplier (32) if reproducing data.